

Lava Beds National Monument

Curriculum Standards- Ranger in the Classroom

Content: Bats

Grades 3rd-5th

The following curriculum standards for California and Oregon are incorporated into this ranger in the classroom presentation.

Oregon Curriculum Standards: 5th Grade

Life Science

Diversity/Interdependence:

SC.05.LS.05 Describe the relationship between characteristics of specific habitats and the organisms that live there.

SC.05.LS.05.04 Explain the relationship between animal behavior and species survival.

SC.05.LS.05.05 Describe the living and nonliving resources in a specific habitat and the adaptations of organisms to that habitat.

SC.05.LS.06 Describe how adaptations help a species survive.

SC.05.LS.06.01 Describe changes to the environment that have caused the population of some species to change.

SC.05.LS.06.02 Identify conditions that might cause a species to become endangered or extinct.

Oregon Curriculum Standards: 3rd Grade

Life Science

Organisms:

SC.03.LS.01 Recognize characteristics that are similar and different between organisms.

SC.03.LS.02 Describe the basic needs of living things.

Diversity/Interdependence:

SC.03.LS.04 Describe a habitat and the organisms that live there.

SC.03.LS.05 Identify how some animals gather and store food, defend themselves, and find shelter.

California Curriculum Standards: 4th Grade

Life Science:

3. Living organisms depend on one another and on their environment for survival. As a basis for understanding this concept:

- a. Students know ecosystems can be characterized by their living and nonliving components.
- b. Students know that in any particular environment, some kinds of plants and animals survive well, some survive less well, and some cannot survive at all.
- c. Students know many plants depend on animals for pollination and seed dispersal, and animals depend on plants for food and shelter.

California Curriculum Standards: 3rd Grade

Life Science:

3. Adaptations in physical structure or behavior may improve an organism's chance for survival. As a basis for understanding this concept:

- a. Students know plants and animals have structures that serve different functions in growth, survival, and reproduction.
- c. Students know living things cause changes in the environment in which they live: some of these changes are detrimental to the organism or other organisms, and some are beneficial.
- d. Students know when the environment changes, some plants and animals survive and reproduce; others die or move to new locations.